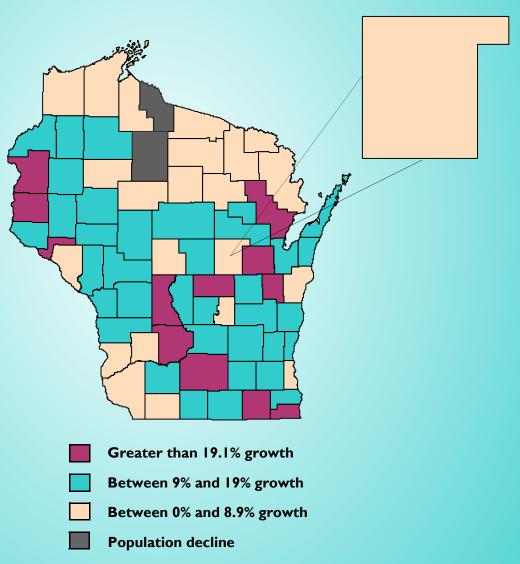
Waupaca County Workforce Profile

Projected population growth from 2000 to 2020



Source: Wisconsin Department of Administration, Demographic Services Center. Statewide population growth is projected to be 13.9 percent from 2000 to 2020.



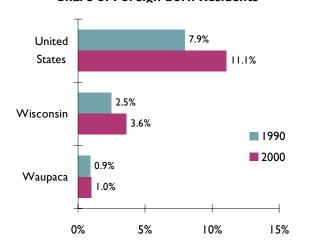
County Population

Waupaca County's population grew at a slightly slower rate than the State of Wisconsin during the last two years. The difference between the nation's growth rate and that of the county is more significant. Since the census, the county's growth rate of 1.5 percent is about 25 percent less than that of the United States. Wisconsin's growth rate of 1.7 is closer to the county's rate of growth. This lower growth rate in the county is a change for the county which had a faster growth rate during the last decade when the population increased 9.2 percent. The state and national growth rates during that decade were 8.5% and 8.7%, respectively.

The largest population increase in any municipality was 87. This was the Town of Dayton, which also had the highest growth rate at 3.2 percent. Not all of the municipalities had a population increase over the last two years. The cities of Clintonville and Weyauwega each lost population, although the declines were quite small. Weyauwega was down one and the City of Clintonville decreased by 38. Small changes like this are not unusual in communities which can fluctuate quite frequently.

The county continues to have a very low percentage of foreign-born in its population. Only one percent of the population indicated in the 2000 Census they were born in a foreign country. This number has increased by 11 percent since 1990.

Share of Foreign-born Residents



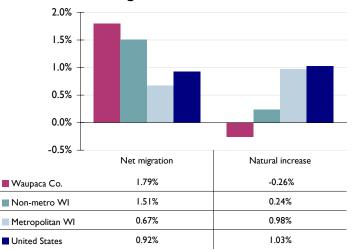
Source: US Dept. of Commerce, Census 2000, Summary file-4, QT-PI4

Total Population

	April 2000	January 1, 2002	Percent
	Census	estimate	change
United States	281,421,906	286,923,000	2.0%
Wisconsin	5,363,701	5,453,896	1.7%
Waupaca County	51,825	52,622	1.5%
Largest Municipalities			
Waupaca, City	5,676	5,750	1.3%
New London, City*	5,618	5,676	1.0%
Clintonville, City	4,736	4,698	-0.8%
Farmington, Town	4,148	4,231	2.0%
Dayton, Town	2,734	2,821	3.2%
Mukwa, Town	2,773	2,814	1.5%
Weyauwega, City	1,806	1,805	-0.1%
Lebanon, Town	1,648	1,689	2.5%
Royalton, Town	1,544	1,559	1.0%
Caledonia, Town	1,466	1,499	2.3%

^{*} Waupaca County portion only

Net migration and natural increase



Source: Wisconsin DOA, Demographic Services Center & US Census Bureau

The rate of increase for foreign-born is less than the state and national growth rates.

The two sources of population growth are natural increase which is the number of births minus the number of deaths, and net migration which counts the number of residents moving into the county and subtracts the number moving out of the area. The county's source of the population growth is

(Continued on page 2)

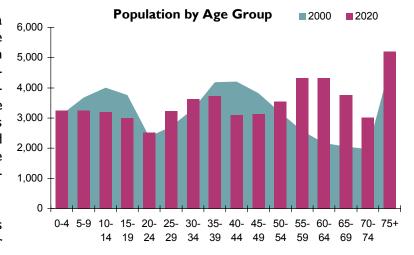


	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+
2000 Mala	1.505	1.044	2.005	1.074	1214	1 201	1.7.40	2.140	2 120	1.070	1.774	1 222	1.000	1.001	047	1.001
Male .	1,585	1,866	2,095	1,974	1,214	1,381	1,649	2,140	2,120	1,978	1,664	1,332	1,088	1,001	967	1,881
Female	1,534	1,817	1,908	1,790	1,176	1,333	1,647	2,047	2,089	1,844	1,513	1,245	1,086	1,055	1,002	2,798
2005																
Male	1,520	1,671	1,938	2,044	1,564	1,349	1,505	1,741	2,194	2,146	2,008	1,683	1,366	1,009	934	1,946
Female	1,457	1,618	1,890	1,836	1,445	1,356	1,433	1,730	2,105	2,099	1,841	1,526	1,255	1,056	976	2,754
2010																
Male	1,575	1,581	1,716	1,880	1,607	1,724	1,468	1,588	1,781	2,216	2,179	2,029	1,730	1,284	973	2,005
Female	1,509	1,518	1,665	1,816	1,480	1,645	1,463	1,512	1,786	2,118	2,096	1,860	1,547	1,230	986	2,696
2015																
Male	1,642	1,608	1,609	1,642	1,453	1,758	1,840	1,530	1,605	1,777	2,224	2,178	2,060	1,621	1,254	2,086
Female	1,574	1,542	1,547	1,590	1,453	1,680	1,748	1,535	1,555	1,788	2,103	2,105	1,876	1,514	1,147	2,653
2020																
Male	1,659	1,660	1,627	1,525	1,254	1,576	1,857	1,895	1,533	1,588	1,770	2,209	2,199	1,921	1,596	2,400
Female	1,589	1,592	1,562	1,474	1,269	1,651	1,778	1,822	1,576	1,555	1,773	2,111	2,121	1,836	1,412	2,790
Source: V	Source: Wisconsin Dept. of Administration, Demographic Services, October 2003															

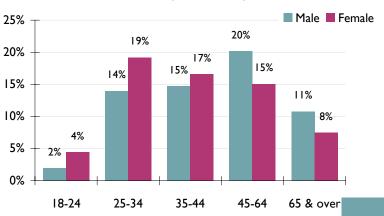
totally from net migration. The county had a loss in population based on natural causes. The state average had 56 percent of its population come from migration. The county is a destination for new residents who seek to take advantage of the numerous natural amenities of the county as well as the availability of opportunities for employment available in Winnebago and Outagamie counties, which are easily accessible via Highways 10 and 45. This premise is substantiated by the commuting patterns for the county.

The decline in population from natural causes will not have an impact on the potential labor force in the county until about 2015. Based on the table above and chart to the right the number reaching retirement age of 65 will begin to exceed the population reaching entry age to the labor force at that time. It is possible at that time, the county's labor force will begin to decrease.

The percent of women under age 44 with a bachelor's degree or higher is in line with state and national trends exceeding the percent of males with a bachelor's degree. During the last 30 years the percentage of women graduating from college has increased dramatically. Currently about 65 percent of college graduates in the state and nation are female.



Percent of age group with at least a Bachelor's degree in Waupaca County



Source: US Dept. of Commerce, Census 2000, Summary file 4, QT-P20

Labor Force Characteristics

The U. S. Bureau of Labor Force Statistics defines the labor force aged population as the sum of all employed and unemployed persons who are 16 years old and older. (People who are not working includes people who are unemployed and people who are not in the labor force. Examples of people who are not working, but who are not unemployed are retirees or people who choose not to work.)

Another term used with labor force data is the labor force participation rate. The participation rate is the percent of the labor force aged population in the county that is actually connected to the labor force either by working or unemployed and looking for work. The participation rate gives some indication on the utilization of the available pool of workers and also the potential to draw additional workers into the labor force for business growth. Wisconsin has been in the top five participation rates in the nation for over a decade now. About 73 percent of the state's labor force aged population is in the labor force. This compares to 66.9 percent for the nation. The participation rate in Waupaca County is midway between the national and the state average at 69.3 percent. The trend over the last five years has been a decline in the percent of workers in the labor force between 1997 and 1999, and then increasing minimally between 2000 and 2002 for the county and state.

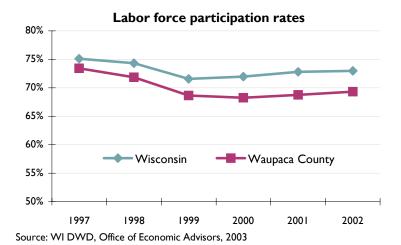
The participation rate varies during the time of year as well as from year to year. This is due to changes in the seasonal economic cycle in the area as well as what is happening in the overall business cycle. It also varies by age and gender. Participation in the labor force is usually lower in the early years as many in this population group are still attending school on a full time basis. However this changes in the early twenties and will normally peak between the ages of 25 and 54 at which time the participation rate begins to decline as workers begin to retire.

The participation rate for women has increased tremendously during the last half century when less than 50 percent of women were in the labor force.

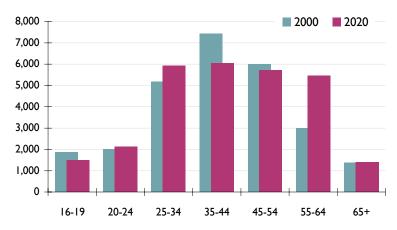
Waupaca Labor Force Participation by Age & Sex in 2000



Source: US Dept. of Commerce, Census 2000, Summary file 4, PCT-79



Labor Force by Age in 2000 & 2020 in Waupaca County



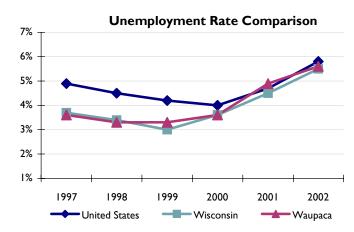
Source: DWD, Office of Economic Advisors, US Census, SF-4 (PCT-79), WI Demographic Services

(Continued on page 4)

Waupaca County Workforce Profile

Today, their participation is nearly equal to men in most of the age categories. In the 16 to 19 year old group, participation by women exceeds that of men.

Waupaca's unemployment rate has followed the states rate very closely over the last six years. Both have risen sharply since the economic downturn in 2000 and are about the same as the national rate. During this time the labor force has increase about 300, but the number employed has decreased about the same. This has resulted in an increase of nearly 600 more unemployed in 2002.



Waupaca County Civilian Labor Force Data

	1997	1998	1999	2000	2001	2002
Labor Force	26,952	26,703	25,591	26,517	26,987	27,224
Employed	25,969	25,831	24,752	25,554	25,657	25,694
Unemployed	983	872	839	963	1,330	1,530
Unemployment Rate	3.6%	3.3%	3.3%	3.6%	4.9%	5.6%

Source: WI DWD, Bureau of Workforce Information, LAUS program, 2003

Occupations in demand

Most of the fastest growing jobs in the region require either an associate or bachelor's degree. This is quite different than the jobs that expect the most openings in area. The two lists are quite different in the wages and training requirements.

The fastest growing occupations offer fewer openings, but they offer substantially higher wages, and are transportable to other regions of the state and country.

Many of the fastest growing occupations have a smaller number of positions, so a small increase can be a large percent of the field, while the occupations with most openings already have a large number of jobs, so it is more difficult to obtain a high growth rate. Another difference between the two lists is that the fastest growth measures only new positions, while the list with most openings contains both new openings as well as openings created by workers leaving the occupations.

Fox Valley Region Occupation Projections: 2010

		Education & Training	Average
	Top Ten Occupations	Typically Required*	Wage**
	Computer Support Specialists	Associate degree	\$19.11
	Desktop Publishers	Postsecondary voc. trng	\$16.74
ţ	Medical Records/Health Info Techs	Associate degree	\$10.98
Growth	Computer Software Engnrs Apps	Bachelor's degree	\$31.19
ق	Network/Computer Systems Admin	Bachelor's degree	\$25.09
	Personal and Home Care Aides	I-month or less training	\$8.33
Fastest	Medical Assts	I-12 mo. on-the-job training	\$11.21
Fa	Network Systms/Data Comm Anal	Bachelor's degree	\$14.09
	Social/Human Service Assts	I-12 mo. on-the-job training	\$11.62
	Fitness Trainers/Aerobics Instruct	Postsecondary voc. trng	\$9.90
	Comb Food Prep/Serv Wrk/Incl Fast	I-month or less training	\$7.37
١,,	Retail Salespersons	I-month or less training	\$10.25
Openings	Cashiers	I-month or less training	\$7.62
٦٠≣	Waiters/Waitresses	I-month or less training	\$6.96
be	Registered Nurses	Bachelor's degree	\$20.72
	Labrs/Frght/Stock/Matrl Movers/Hand	I-month or less training	\$9.91
Most	Janitors/Cleanrs Ex Maids/Hskpng	I-month or less training	\$9.32
Σ	Office Clerks/General	I-month or less training	\$10.62
	Stock Clerks/Order Fillers	I-month or less training	\$9.88
	Nursing Aides/Orderlies/Attendants	I-month or less training	\$9.44

^{*} The most common way to enter the occupation, not the only way

Source: WI DWD, Bureau of Workforce Information, 2002

^{**} Wages from Occupation Employment Statistics survey responses for region, 2001 Fox Valley WDA includes Calumet, Fond du Lac, Green Lake, Outagamie, Waupaca, Waushara and Winnebago counties.

County Commuting Patterns

Not all of the county's residents work within the county, and not all of the jobs within the county are filled by local workers. Some of the workers work in neighboring counties. In some counties where cities and towns cross county lines, this may be nothing more than just crossing a street or river. In other places there may be a substantial commute.

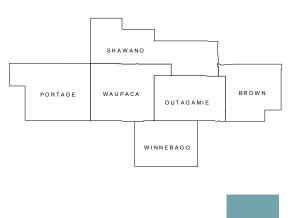
Waupaca Co. residents commuting to listed county Residents of listed county commuting into Waupaca Co. Outagamie Co. WI Winnebago Co. WI Portage Co. WI Shawano Co. WI Brown Co. WI Waushara Co. WI Fond du Lac Co. WI Wood Co. WI Marathon Co. WI Milwaukee Co. WI Elsewhere 1,000 2,000 3,000 4,000 5,000

Generally, large metropolitan areas attract workers from the surrounding counties as wages and occupational opportunities are more abundant than in more rural counties. When looking at the commuting patterns for Waupaca County, this seems to be substantiated. Commuting patterns is one additional way of looking at a county's labor force.

Looking at the chart to the left and the table below it is easy to surmise that Waupaca County is an exporter of workers. The interaction between jobs and workers from other counties is not limited to just one county, but several, although the majority of loss of workers does occur primarily with Outagamie County, the county's neighbor to the east.

Although the county loses a large number of workers to Outagamie and Winnebago, it also has some very positive exchanges with other counties such as Portage, Shawano, Waushara Counties. Overall, the county exports over 2,900 more workers to surrounding counties than it receives.

	Waupaca Co.	Residents of listed	Net gain or
	residents commuting	county commuting	loss of
	to listed county	into Waupaca Co.	workers
Outagamie Co. WI	4,612	I,340	-3,272
Winnebago Co. WI	1,307	460	-847
Portage Co. WI	572	I,042	470
Shawano Co. WI	464	1,199	735
Brown Co. WI	301	77	-224
Waushara Co. WI	131	654	523
Fond du Lac Co. WI	114	82	-32
Wood Co. WI	76	34	-42
Marathon Co. WI	64	96	32
Milwaukee Co. WI	58	5	-53
Elsewhere	484	253	-231

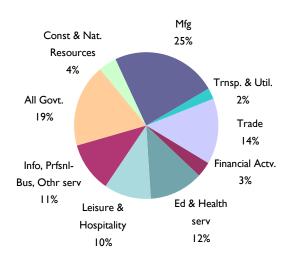


Source: US Dept. of Commerce, Census 2000, County-to-county worker-flow files

Industry Employment -Introducing NAICS (North American Industry Classification System)

Starting in January 2003, employment data has been based on NAICS rather than SIC. Most labor market users are quite familiar with the SIC (Standard Industrial Classification) system. The SIC system was developed in the 1930s as a measure of the nation's economy. The system has been revised nearly every ten years since that time, but it is still closely tied to manufacturing industries, as manufacturing represented nearly 50 percent of the economy then. The old SIC system not only emphasized manufacturing, but was also based on ownership rather than

Waupaca County Industry Distribution: 2002



output. If a manufacturer owned a store, it might be included with manufacturing employment rather than retail trade.

Since the inception of the SIC system, the nation's economic base has changed from manufacturing to service based. Less than 12 percent of the nation's nonfarm wage and salary employees are working for a business involved in the manufacturing process. Waupaca County has one fourth of its employment in manufacturing making it the largest single industry group in the county. This exceeds the national average and is above the state average of 19 percent.

With the change in the classification system, there is not a direct crossover to make a simple comparison with previous year's data. The table below shows an approximation of the difference in the classification systems. The new system places a stronger emphasis on the service sectors which have been growing faster than the goods producing sectors during the last 30 years. This should provide planners and counselors better and more timely information on changes that have occurred in the community and to project future change.

(Continued on page 7)

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2002 Industry Employment in Waupaca County: A comparison of two classification systems Dictri

	Employ-	Distri-		Distri-
NAICS Super-sectors	ment	bution	SIC Industry Divisions	bution
Construction, natural resources & mining	897	4%	Construction & Mining	4%
Manufacturing	5,080	24%	Manufacturing	28%
Transportation, warehousing & utilities	526	2%	Transportation, utilities & communication	4%
Trade (wholesale & retail)	3,081	14%	Wholesale trade	4%
			Retail trade	18%
Financial activities	716	3%	Finance, insurance & real estate	3%
Information, professional & business services,				
other services	2,388	11%	Services & misc (incl. agr, forestry, fishing)	20%
Education and health services	2,573	12%	Government	18%
Leisure & hospitality	2,248	10%		
Government	3.955	18%		

Source: WI DWD, Bureau of Workforce Information, Current Employment Statistics Program, March 2003

Employ-

Waupaca County Workforce Profile

Of significance are the creation of new sectors of the information industry and the leisure and hospitality industry. These and other service sector jobs have shown more growth nationally and the additional data should be helpful in an area such as Waupaca County. Many of the positions in the service industries are professional jobs, and will require a higher percentage of college educated workers.

Of the county's ten largest industry groups, manufacturing makes up four. This is also true of the ten public and private business with the highest employment in the county, four of these are also in the manufacturing sector. While manufacturing has declined over the last few years, it is still an important industry in the county.

Top 10 Industry Groups in Waupaca County

	Marc	ch 2003	Numeric change
Industry Group	Employers	Employees	2002 - 2003
Nursing and Residential Care Facilities	15	2,130	37
Educational Services	7	1,818	2
Food Services and Drinking Places	104	1,601	-33
Primary Metal Manufacturing	*	*	*
Publishing Industries	П	733	-10
Transportation Equipment Manufacturing	9	726	22
Food and Beverage Stores	22	672	9
Ambulatory Health Care Services	51	637	25
Merchant Wholesalers, Nondurable Goods	22	565	38
Plastics & Rubber Products Manufacturing	*	*	*

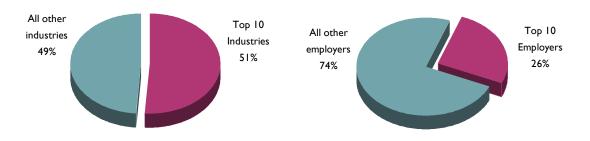
^{*}data surpressed to maintain confidentiality

Top 10 Employers in Waupaca County

Company	Product or Service	Size
Waupaca Foundry, Inc.	Iron foundries	1000 +
Wisconsin Veteran's Home	Nursing care facilities	500-999
County of Waupaca	Executive & legislative offices, combined	500-999
School Dist. of Waupaca	Elementary & secondary schools	250-499
School Dist. of New London	Elementary & secondary schools	250-499
Sturm Foods, Inc.	Other grocery and related products merchant wholesalers	250-499
Krause Publications, Inc.	Periodical publishers	250-499
Reynolds Consumer Products, Inc.	Plastics bag manufacturing	250-499
FWD Corp.	Motor vehicle body manufacturing	250-499
Clintonville Public School	Elementary & secondary schools	250-499

Share of jobs with top 10 industries

Share of jobs with top 10 employers



Source: WI DWD, Bureau of Workforce Information, ES-202 special report, First quarter, 2003

Waupaca County Workforce Profile

The average annual wage in the all of the industry sectors in Waupaca County is below the statewide average. This is fairly typical for a non-metro county in Wisconsin. Generally, wages are higher in the metropolitan areas and decrease as you get further from a metropolitan area.

The manufacturing sector has had several layoffs and shutdowns during the last three years, but the industry still pays the highest average wage of all of the industry sectors. This may not reflect a high hourly

wage in all cases. Most of the jobs in the manufacturing industry are full time and often have overtime available. This is not true in some of the other industries where work may be part time or seasonal. Examples of these would be either trade or the leisure and hospitality industries.

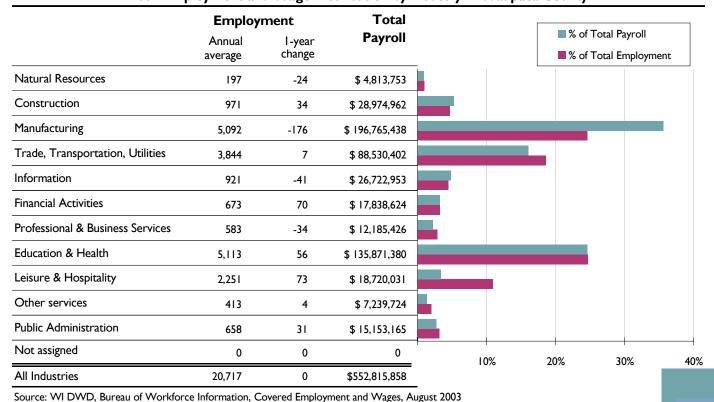
Average Annual Wage by Industry Division in 2002

	Averag	e Annual Wage	Percent of	I-year
	Wisconsin	Waupaca County	Wisconsin	% change
All Industries	\$ 32,422	\$ 26,684	82%	3.7%
Natural resources	\$ 25,481	\$ 24,435	96%	9.9%
Construction	\$ 39,649	\$ 29,840	75%	-0.1%
Manufacturing	\$ 40,584	\$ 38,642	95%	8.2%
Trade, Transportation, Utilities	\$ 28,422	\$ 23,031	81%	3.2%
Information	\$ 38,871	\$ 29,015	75%	-0.6%
Financial activities	\$ 40,337	\$ 26,506	66%	4.0%
Professional & Business Services	\$ 36,324	\$ 20,901	58%	3.3%
Education & Health	\$ 33,768	\$ 26,574	79%	2.2%
Leisure & Hospitality	\$ 11,837	\$ 8,316	70%	2.3%
Other services	\$ 19,500	\$ 17,530	90%	7.3%
Public Administration	\$ 33,769	\$ 23,029	68%	-1.8%

Source: WI DWD, Bureau of Workforce Information, Covered Employment & Wages, August 2003

Manufacturing has the largest share of workers of any industry in the county with 25 percent of the workers. More important to the county's economy is the portion of income it provides to the county in the form of wages. It provides over 35 percent of the all the wages paid in the county

2002 Employment and Wage Distribution by Industry in Waupaca County



Per Capita Personal Income

Per capita personal income (PCPI) includes income from wages and self-employment, assets (dividends, interest, rent) and transfer payments (social security, insurance, welfare, pensions) divided by mid year total population estimates.

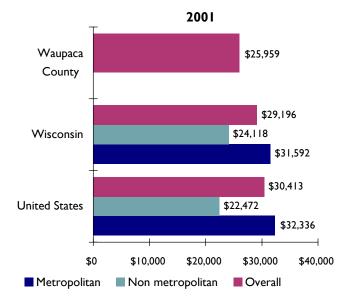
Like the state and nation, the majority of PCPI in Waupaca County comes from net earnings, with smaller percentages coming from dividends, interests payments and transfer payments. The percent of income from net earnings and dividends, interest

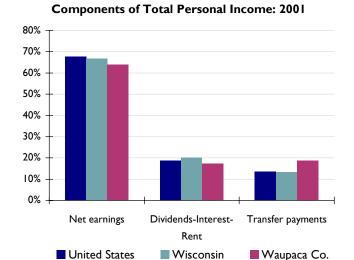
and rent payments is slightly lower than the state and national average. However this is offset with a greater percent coming transfer payments. This may represent the high portion of an older and retired population in the county

PCPI in the county is \$25,959. This is below the state level of \$29,196 and that of the nation. The growth rate for the county's PCPI over the last year was above the state and the nation, however, it has been slower over in the last five years.

Per Capita Personal Income

							Percent	Cnange
	1996	1997	1998	1999	2000	2001	l year	5 year
United States	\$24,270	\$25,412	\$26,893	\$27,880	\$29,760	\$30,413	2.2%	25.3%
Wisconsin	\$23,301	\$24,481	\$26,004	\$26,926	\$28,389	\$29,196	2.8%	25.3%
Waupaca County	\$20,863	\$21,907	\$23,605	\$24,058	\$24,895	\$25,959	4.3%	24.4%





Source: US Dept. of Commerce, Bureau of Economic Analysis, State & Local Personal Income, May 2003, CAI-3, CA05

WWW addresses of source data

Wisconsin population estimates and projections:

Education levels of population, labor force participation rates, commuting patterns:

Labor force estimates (employed and unemployed), industry employment, average annual wages:

Occupations in-demand:

Per Capita Personal Income:

Profile author:

http://www.doa.state.wi.us/dir/index.asp

http://www.census.gov/main/www/cen2000.html

http://www.dwd.state.wi.us/lmi/http://www.dwd.state.wi.us/lmi/wda_map.htmhttp://www.bea.gov/bea/regional/reis

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